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The Cavendish Chronicle

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Stockinger (right) and daughter in the mountains of British Columbia.

For SJU Chem Grad, a Long Trail That Winds Back to the Classroom

By Augie Witkowski

Sometimes in life, where you think you are heading at the age of twenty-one is not where you end up. Looking back, **Matthew Stockinger, Chem '01**, reflects that he is now on his fourth career path since leaving CSB/SJU; this time around, he is a devoted teacher of high school science. When he was in college, he

never saw himself becoming a teacher. Consequently, his advice to current students who aren't sure about their future is, "Don't panic." After all, he says, the average person will change jobs seven times, and it took him eleven years to find his current career.

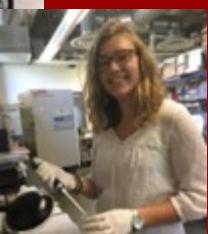
Stockinger graduated with a chemistry and math double major,

Continued page 4

Spring Awards Season Arrives



Gavin



Witkowski



Burrows



Holst



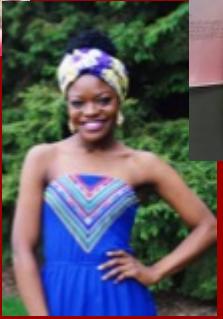
Thauwald



Nelmark



Oman



Bonglack

The chemistry department has announced a slate of award winners for 2017. Each year, a number of students in chemistry classes are recognized for their achievements. Award winners include chemistry majors, biochemistry majors, and students who have not yet entered upper division.

The CRC First-year Chemistry Achievement Award is sponsored by CRC Press and the American Chemical Society. This year's awardees are **Allison Grodnick, Dillon Hauge, Taylor Loth, Jack Matuska, Emily Nelson, Nicole Newman and Sydney Sherek '20**. In addition, the CSB/SJU Chemistry Department Award for Distinction in First Year Chemistry was presented to **Brent Burg, Madelyn Curtis, Autumn Fuchs, Ethan Ploeger, Andrew Smith, Collin Trout, Alexa Werb and Abbey Whiting '20**.

Second-year awards include the **Richard Jochman** Scholarship for Achievement in Organic Chemistry, named in honor of the former chemistry professor and made possible through a gift of **Paul**

Zenck, Chem '78. This award went to **Augie Witkowski and Joshua Gavin, Chem '19**. The CSB/SJU Chemistry Department Award for Distinction in Chemical Reactivity was given to **Ellen Arnold, Miguel Bowe, Jack Kirsch, Corrine Seehusen and Mitchell Thelen, Bchm '19**, as well as **Alvin Burrows, Chem '17, Jherian Mitchell-Jones, Alexander Patton and Janna Quick, Chem '19**.

The Sister Rogatia Sohler Scholarship, established by the family of Professor Emeritus William Muldoon, recognizes an outstanding CSB junior. This year's winner was **Hannah Holst, Chem '18**. The Glen Arth Scholarship was similarly endowed to honor an outstanding SJU senior. This award, a gift from colleagues of Glen Arth, Chem went to **Brandon Thauwald, Chem '18**.

There are several awards established by the American Chemical Society for students who show promise in specific domains of chemistry. The ACS Analytical Chemistry Award was given to **Clare Nelmark and Christopher Oman,**



Charbonneau



Zoltek



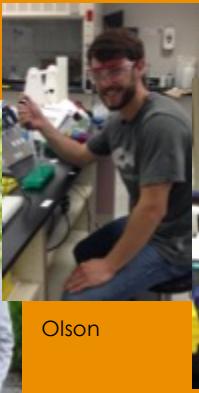
Jean



Buysse



Twumasi



Olson



Koenig



Kersey-Bronec



Yang



Ebert



Swenson

Chem '18. Emmanuella Bonglack, Bchm '17 and Alexander Charbonneau, Chem '17, were selected to receive the ACS Undergraduate Award in Organic Chemistry. **Daniel Zoltek and Stephanie Jean, Chem '17,** were chosen for the ACS Undergraduate Award in Inorganic Chemistry. The ACS Undergraduate Award in Physical Chemistry, established this year, was presented to **Alvin Burrows, Chem '17.**

In recognition of the two top seniors graduating from CSB and SJU, the American Institute of Chemists Award was given to **Claire Buysse and Raymond Twumasi, Chem '17.** Buysse was also the winner of a national award, the ACS Younger Chemists Committee 2016 Priscilla Carney Jones Scholarship.

Two awards recognize lab work. The Abbot John Klassen Summer Research Award was given to **Maxwell Olson, Chem '17.** The award was established by **Dr. Steve Holmgren, Chem '89,** and his wife, Dr. Mary Cloninger, in honor of the 1971 graduate and former faculty member. **Heidi Koenig, Chem '19,** was selected for The Father Matthew Kiess Award, given annually to a CSB/SJU sophomore or junior who has shown a particular aptitude for

lab work. The award was a gift from Father Gunther Rolfson, OSB.

Students serve indispensable supporting roles in the department, and two awards recognize their contributions. The Distinguished Service Award was given to **Faith Kersey-Bronec, Chem '17.** The Outstanding TA or Tutor Award was presented to **Gao Yang, Chem '18.**

Honor Societies Announce Member Lists

The Omega Chapter of Delta Epsilon Sigma, the national Catholic Honor Society, has admitted members **Claire Buysse, Chem '17, Bridget Ebert, Chem '18 and Riley Swenson, Bchm '17.**

Phi Beta Kappa, the nation's oldest honor society, has admitted chemistry seniors **Claire Buysse and Faith Kersey-Bronec** as well as junior **Bridget Ebert.** Remarkably, seven biochemistry seniors have also joined the society: **Sarah Clark, Heather Kaluzniak, Cody Kohout, Adam McVey, Luke Morrey, Thomas O'Toole and Catherine Pettinger.**



Kaluzniak



Kohout



McVey



O'Toole



Pettinger

Stockinger Returns to the Classroom



Stockinger on a summer break

A student enters a class without the belief that they can succeed, and leaves feeling capable.

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and began graduate school at the University of British Columbia. He intended to earn a Ph.D in theoretical chemistry, but after completing the first two years of graduate school he realized he did not want to pursue research. He loved learning in a classroom setting, but did not like the environment of research, which required a lot of time alone with his computer. After leaving graduate school, he spent five years working in the mortgage department of ING Group, the Dutch multinational banking firm. His time spent in a management job at ING is what led him to teaching. He enjoyed the face-to-face interactions that the job entailed, and when combined with his love for learning and the classroom, he decided to return to school to earn his teaching license and Master's Degree.

He now teaches chemistry, math, and coding at Apollo High School, in St. Cloud. This is his fourth year of teaching. He enjoys pedagogy, and the constant challenge that teaching presents, as he can always

work to become a better teacher, and reach more students. His favorite part of teaching is when a student enters a class without the belief that they can succeed, and leaves the class feeling capable.

Teaching does present Stockinger with some challenges, though. There can be a lack of time to cover all of the material he would like to teach, and he always would like to do more for the students. "A good teacher should be bothered by having to choose what to teach," Stockinger stated when asked about the challenges of the job. He also mentioned that he "hates grading with a passion." These challenges do not compare to reward of teaching to Stockinger as he enjoys explaining concepts, making lesson plans, and finds it fun to work with students.

Besides working with students in the classroom, Stockinger is also the coach of the Climbing Club at Apollo High School. He uses his free summer months to return to British Columbia to climb, and spend more time with his family. He refers to British Columbia as his "second home, for climbing." Along with travelling to BC this summer he plans to climb Grand Teton Peak in Wyoming, with his dad.

Although Stockinger did not follow a direct path from college to his career, he found his way into a job that he thoroughly enjoys, and gives him the freedom to find his next climbing challenge.



Postcards from Abroad

"This is Caversham Wildlife Park. I got to spend the day with kangaroos (life goals). Overall, I'm really enjoying my experience abroad in Fremantle, Western Australia!" **Susie Xiong, Chem '18**



"I had the opportunity to spend a semester studying in London, England. Attending the markets was one of my favorite things to do. This photo was taken at Borough market, one of many throughout the city." **Shelly Peterson, Chem '18**

"The perfect place to watch the sunset in Seoul is Naksan Park." **Zoua Pa Vang, Chem '18**, in South Korea.



Alum Notes

Jay Zachman, Chem '14 has been accepted to the Master of Healthcare Administration program at the University of Minnesota.

Katherine Maguire, Chem '15 is working with AVID, a non-profit organization dedicated to closing the achievement gap in schools. She is also an assistant coach for the Metro Marlins club swim team in Orono.

Erin Wissler, Chem '14, is in the Masters of Public Service Administration program at Marquette University.



The Cavendish Chronicle

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Photo Credits: Matt Stockinger, Alicia Peterson, CSB/SJU Chemistry & Biochemistry Students.

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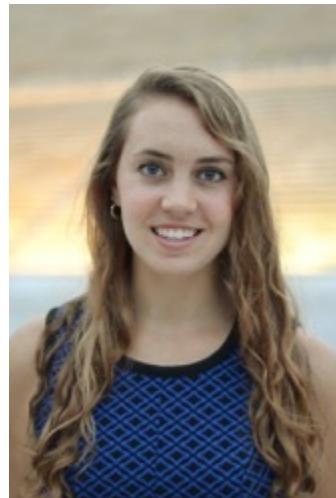
Biochem Club in the Works

By Alex Messner

Luke Morrey and Sarah Clark, Bchm '17, recently received approval from the Joint Club Board to start a Biochemistry Club at CSB/SJU. Like the Chemistry Club, the Biochemistry Club will function to create relationships between fellow biochemistry students, as well as encourage cooperation between students in planning for what lies both prior to and beyond graduation.

Both Morrey and Clark found during the course of their studies that it was often difficult to navigate the major without a specified department to rely on, so Biochemistry Club is their answer. They hope that the club will create a dialogue between students, where older students can share their experiences and give tips to those earlier in the major.

"We hope the club will make biochemistry students feel a better sense of belonging," says Morrey.



Although Morrey and Clark will be graduating this year, they have begun making plans for next year. Both are confident they are leaving the club in great hands in the hopes that it will grow and adjust to the needs of incoming students. The two have also created a firm foundation for the club to run on but will leave finer details, such as frequency of meetings, to next year's leaders. Morrey and Clark have also been meeting with the Club Board to ensure a smooth and effective startup next semester.

"This club is really designed to be beneficial to its members," says Clark. "I really hope future students realize how valuable it can be for them."

Biochemistry Club will be officially recognized in the upcoming fall, and will be actively recruiting members at the 2017 Involvement Fair.

Check out the archive!
<http://employees.csbsju.edu/cschaller/cavendish/Cavendish.htm>